

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

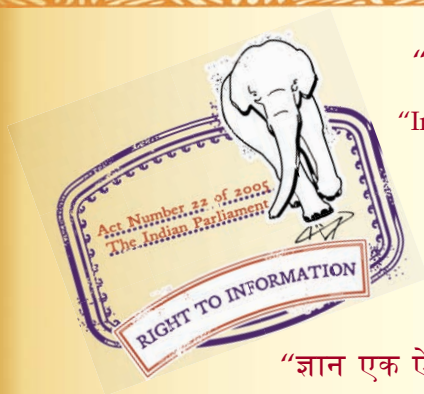
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

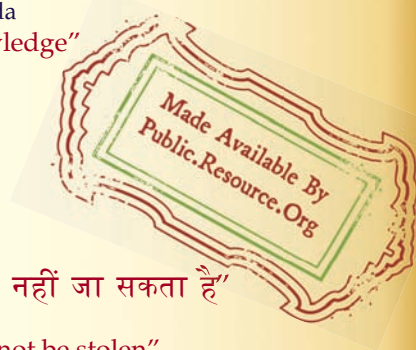
IS 5000-OD7 (1969): Dimensions of Semiconductor Devices,
Device Outline OD7 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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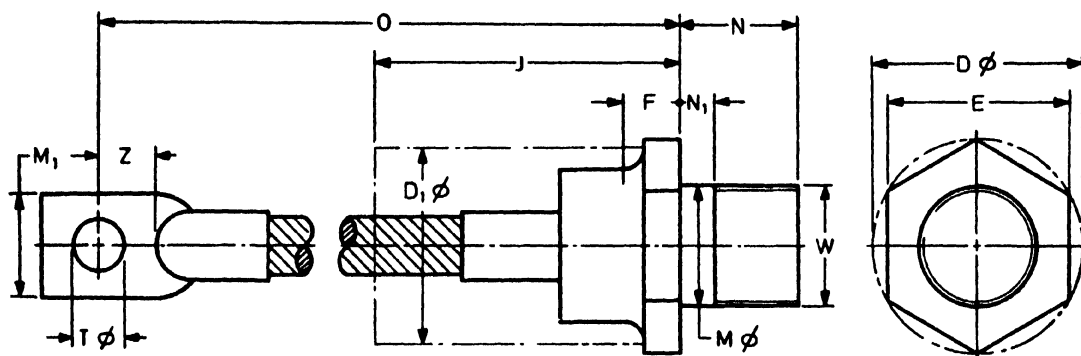


Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD7

(Incorporating Amendment No. 1)

1. Dimensions — This drawing has been prepared in accordance with IS : 5001-1969 'Guide for preparation of drawings of semiconductor devices'.

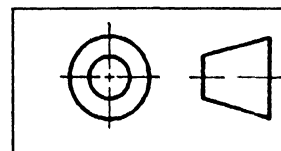


Reference	Millimetres			Notes
	Min	Nom	Max	
<i>D</i>	—	—	37.00	—
<i>D</i> ₁	—	—	—	1, 2
<i>E</i>	—	32.0	—	—
<i>F</i>	6.35	—	—	—
<i>J</i>	—	—	82.5	1, 2
<i>M</i>	—	—	—	4
<i>M</i> ₁	—	—	22.60	5
<i>N</i>	20.15	—	21.03	—
<i>N</i> ₁	—	—	3.96	—
<i>O</i>	See below			—
<i>T</i>	6.8	—	10.1	—
<i>W</i>	—	M20	—	6
<i>Z</i>	9.53	—	—	7
Type A				
<i>O</i>	135	150	165	—
Type B				
<i>O</i>	225	250	275	—

Note 1 — The device with the exception of the hexagon, thread and flexible terminal, lies within the cylinder of diameter *D*₁ and length *J*.

Note 2 — Diameter *D*₁ shall not be greater than the actual across-flats dimensions of the hexagon used.

Note 3 — *J* is the seated height with the terminal bent at right angles.



Adopted 5 April 1969

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Price Group 1

BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

IS : 5000 (OD7) - 1969

- Note 4** — Diameter *M* refers to zone *N*₁. The maximum value should not exceed the outside diameter of the thread.
- Note 5** — The contour and orientation of the terminal slug or lug are undefined.
- Note 6** — A clearance hole of 21.0 mm minimum diameter ensures interchangeability between metric types and inch types.
- Note 7** — Minimum flat.

2. Rules for Coding — See 8.1 of IS : 5001 - 1969.

3. Equivalent Designation Code Followed by Other Countries and Organizations

Country or Organization	Designation Code
India	OD7
IEC	A10M
USA	DO-9
UK	SO-42
France	DO-9/F34M
Japan	SC-9

EXPLANATORY NOTE

This edition 1.1 incorporates Amendment No. 1 (June 1977). Side bar indicates modification of the text as the result of incorporation of the amendment.